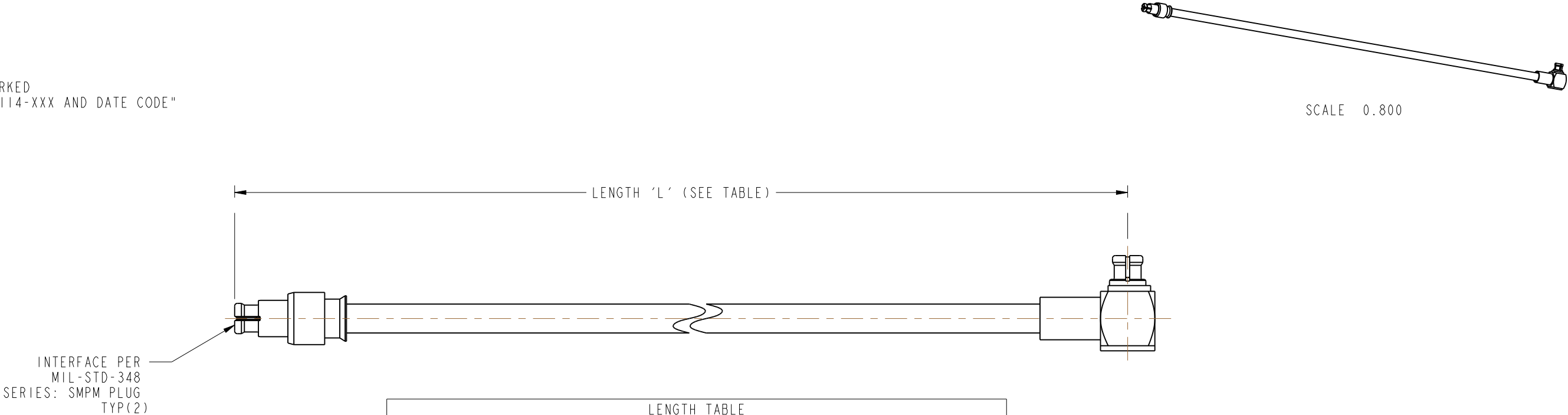


NOTES:

1. MATERIALS AND FINISHES:
SMPM STR PLUG - BeCu, GOLD PLATING
SMPM R/A PLUG - BeCu, GOLD PLATING
CABLE - 0.085 SEMI-RIGID CONFORMABLE
2. ELECTRICAL:
IMPEDANCE: 50 OHM
3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-725-114-XXX AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	15-Aug-19	12601	EH



LENGTH TABLE			
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH AND TOLERANCE 'L' IN INCHES [METERS]	LENGTH IN FEET
95-725-114-030	-	3.00 ± 0.25 [0.076 ± 0.006]	0.250
-	95-725-114M010	3.94 ± 0.25 [0.100 ± 0.006]	0.328
95-725-114-040	-	4.00 ± 0.25 [0.102 ± 0.006]	0.333
95-725-114-050	-	5.00 ± 0.25 [0.127 ± 0.006]	0.417
95-725-114-060	-	6.00 ± 0.25 [0.152 ± 0.006]	0.500
95-725-114-070	-	7.00 ± 0.25 [0.178 ± 0.006]	0.583
95-725-114-080	-	8.00 ± 0.25 [0.203 ± 0.006]	0.687
95-725-114-090	-	9.00 ± 0.25 [0.229 ± 0.006]	0.771
-	95-725-114M025	9.84 ± 0.25 [0.250 ± 0.006]	0.820
95-725-114-100	-	10.00 ± 0.25 [0.254 ± 0.006]	0.854
95-725-114-110	-	11.00 ± 0.25 [0.279 ± 0.006]	0.937
95-725-114-120	-	12.00 ± 0.25 [0.305 ± 0.006]	1.000
95-725-114-180	-	18.00 ± 0.25 [0.457 ± 0.006]	1.500
-	95-725-114M050	19.69 ± 0.25 [0.500 ± 0.006]	1.641
95-725-114-240	-	24.00 ± 0.50 [0.610 ± 0.013]	2.000
-	95-725-114M075	29.53 ± 0.50 [0.750 ± 0.013]	2.461
95-725-114-360	-	36.00 ± 0.50 [0.914 ± 0.013]	3.000
-	95-725-114M100	39.37 ± 0.50 [1.000 ± 0.013]	3.281
95-725-114-480	-	48.00 ± 0.50 [1.219 ± 0.013]	4.000
-	95-725-114M200	78.74 ± 1.97 [2.000 ± 0.050]	6.562

TOLERANCE TABLE	
LENGTH IN INCHES/FT [METERS]	TOLERANCE
0" - 23.90" [0 - 0.607]	±0.25" [0.006]
24.00" - 59.00" [0.610 - 1.499]	±0.50" [0.013]
5.0' - 24.9' [1.524 - 7.617]	±2.5%
25.0' & UP [7.620 & UP]	±5.0%

DESIGN REQUIREMENTS

☒ FREQUENCY: DC TO 18 GHz

☒ CONTINUITY

☒ VSWR: 1.30 MAX @ DC-10 GHz
1.50 MAX @ 10-18 GHz

☒ HI-POT: 500 VRMS

☐ INS. LOSS: ---- dB MAX

☐ OTHER

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES
± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°

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MATERIAL NOTE 1	DRAWN E. HILL	DATE 23-Jul-18	TITLE SMPM STR PLUG TO SMPM R/A PLUG, USING 0.085 CONFORMABLE CABLE, VARIOUS LENGTH SCALE: 3.0:1.0		SHEET 2 OF 2		Amphenol RF www.amphenolrf.com	
	ENGINEER E. HILL	DATE 23-Jul-18						
REFERENCE EAR# 8504 REF: 95-725-111-XXX	APPROVED K. CAPOZZI	DATE 15-Aug-19	DWG SIZE B		REV A		DRAWING NO. 95-725-114-XXX	
CONFIGURATION LEVEL: In Work	CAD FILE						ITEM NO. 95-725-114-XXX	
FINISH							PART NO. 95-725-114-XXX	

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY